T North and I	Hits	Search Text	DB	Time stamp
L Number	2919	(charq\$3 or integrat\$3 or read\$1) same	USPAT;	2004/03/19 16:45
l ¹ i	2919	(first or odd) same (second\$1 or even\$1)	US-PGPUB;	
	ı İ	and (illuminat\$3 or flash\$3 or strobe\$1)	EPO; JPO;	
	ı	and (different\$3 or compar\$3) same	DERWENT;	
		(output\$3) and (CCD or solid adj1	IBM TDB	
		state\$1)same (sensor\$1)		
	422	348/294.ccls.	USPAT;	2004/03/19 16:41
2	422	340/234.0013.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
3	194	348/297.ccls.	USPAT;	2004/03/19 16:41
ا)	1 24	340/237.0013.	US-PGPUB;	
	İ		EPO; JPO;	
			DERWENT;	
			IBM TDB	
4	126	348/317.ccls.	USPAT;	2004/03/19 16:41
, a	120	310/31/10010	US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
			IBM TDB	
5	101	348/316.ccls.	USPAT;	2004/03/19 16:41
,	101	3.0,310.0010.	US-PGPUB;	
ļ.			EPO; JPO;	
			DERWENT;	
			IBM TDB	
6	257	348/312.ccls.	USPAT;	2004/03/19 16:41
ľ			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
7	84	348/319.ccls.	USPAT;	2004/03/19 16:41
'			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
8	73	348/320.ccls.	USPAT;	2004/03/19 16:41
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
9	38	348/321.ccls.	USPAT;	2004/03/19 16:41
			US-PGPUB;	· ·
	1		EPO; JPO;	
	1		DERWENT;	
	1		IBM_TDB	0004/00/20 15 ::
10	138	348/322.ccls.	USPAT;	2004/03/19 16:41
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/00/10 15
11	45	348/323.ccls.	USPAT;	2004/03/19 16:41
- C. C.	.		US-PGPUB;	
1	\		EPO; JPO;	
	1 1.		DERWENT;	
1	,		IBM_TDB	2004/02/10 16:44
12	21	((charg\$3 or integrat\$3 or read\$1) same	USPAT;	2004/03/19 16:44
		(first or odd) same (second\$1 or even\$1)	US-PGPUB;	
		and (illuminat\$3 or flash\$3 or strobe\$1)	EPO; JPO;	
		and (different\$3 or compar\$3) same	DERWENT;	
		(output\$3) and (CCD or solid adj1	IBM_TDB	
		state\$1) same (sensor\$1)) and 348/294.ccls.	HCDAM.	2004/03/10 16:44
13	144	348/370.ccls.	USPAT;	2004/03/19 16:44
			US-PGPUB;	
1			EPO; JPO;	
1			DERWENT; IBM TDB	
L			T DET T DB	

14	151	348/371.ccls.	USPAT;	2004/03/19 16:44
14	131	340/371.CC13.	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
15	14	348/371.ccls. and ((charg\$3 or integrat\$3	USPAT;	2004/03/19 16:44
		or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or	US-PGPUB; EPO; JPO;	
		flash\$3 or strobe\$1) and (different\$3 or	DERWENT;	
		compar\$3) same (output\$3) and (CCD or	IBM_TDB	
1.6	2020	<pre>solid adj1 state\$1)same (sensor\$1)) (charg\$3 or integrat\$3 or read\$1) same</pre>	USPAT;	2004/03/19 16:46
16	2920	(first or odd) same (second\$1 or even\$1)	US-PGPUB;	2001,00,25
		and (illuminat\$3 or flash\$3 or strobe\$1)	EPO; JPO;	
		<pre>and (different\$3 or compar\$3 or differential\$1) same (output\$3) and (CCD</pre>	DERWENT; IBM TDB	
		or solid adj1 state\$1)same (sensor\$1)	12	
17	4	lock adj4 (CCD\$1) and LED\$1	USPAT;	2004/03/19 16:48
	ļ		US-PGPUB; EPO; JPO;	
			DERWENT;	
_		1 114 (CCDO1) and (illuminate) on IED)	IBM_TDB USPAT;	2004/03/19 16:51
18	10	lock adj4 (CCD\$1) and (illuminat\$3 or LED)	US-PGPUB;	2004/03/19 10.31
	3		EPO; JPO;	,
			DERWENT; IBM TDB	
19	17	lock adj4 (CCD\$1) and (illuminat\$3 or LED	USPAT;	2004/03/19 16:52
		or light\$3 or flash\$3 or strobe\$1)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
20	1190	(linear or lock) adj4 (CCD\$1) and (light\$3	USPAT;	2004/03/19 17:32
		or illuminat\$3) adj10 (emitt\$3)	US-PGPUB; EPO; JPO;	
			DERWENT;	
21	237	((charg\$3 or integrat\$3 or read\$1) same	<pre>IBM_TDB USPAT;</pre>	2004/03/19 16:54
21	237	(first or odd) same (second\$1 or even\$1)	US-PGPUB;	
		and (illuminat\$3 or flash\$3 or strobe\$1)	EPO; JPO;	
		and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1	DERWENT; IBM TDB	
		state\$1)same (sensor\$1)) and ((linear or	_	
		lock) adj4 (CCD\$1) and (light\$3 or illuminat\$3) adj10 (emitt\$3))		
22	20	348/\$.ccls. and (((charg\$3 or integrat\$3	USPAT;	2004/03/19 16:56
		or read\$1) same (first or odd) same	US-PGPUB;	
		(second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or	EPO; JPO; DERWENT;	
		compar\$3) same (output\$3) and (CCD or	IBM_TDB	
		solid adj1 state\$1)same (sensor\$1)) and		
		((linear or lock) adj4 (CCD\$1) and (light\$3 or illuminat\$3) adj10 (emitt\$3)		
		())	HCDAM.	2004/02/10 16:56
23	15	355/\$.ccls. and (((charg\$3 or integrat\$3 or read\$1) same (first or odd) same	USPAT; US-PGPUB;	2004/03/19 16:56
		(second\$1 or even\$1) and (illuminat\$3 or	EPO; JPO;	
		flash\$3 or strobe\$1) and (different\$3 or	DERWENT;	
		<pre>compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and</pre>	IBM_TDB	
		((linear or lock) adj4 (CCD\$1) and		
		(light\$3 or illuminat\$3) adj10 (emitt\$3)		
24	78	235/\$.ccls. and (((charg\$3 or integrat\$3	USPAT;	2004/03/19 16:58
		or read\$1) same (first or odd) same	US-PGPUB;	
		(second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or	EPO; JPO; DERWENT;	
		compar\$3) same (output\$3) and (CCD or	IBM_TDB	
		solid adj1 state\$1)same (sensor\$1)) and ((linear or lock) adj4 (CCD\$1) and		
		(light\$3 or illuminat\$3) adj10 (emitt\$3)		
		1))		

25	201	235/\$.ccls. and ((charg\$3 or integrat\$3 or	USPAT;	2004/03/19 16:58
		read\$1) same (first or odd) same (second\$1	US-PGPUB;	
	ļ		EPO; JPO;	
Ì		strobe\$1) and (different\$3 or compar\$3)	DERWENT;	i i
		same (output\$3) and (CCD or solid adj1	IBM_TDB	
		state\$1)same (sensor\$1))	USPAT;	2004/03/19 17:00
26	158	235/\$.ccls. and ((charg\$3 or integrat\$3 or	US-PGPUB;	2004,03,13 1
		read\$1) same (first or odd) same (second\$1	EPO; JPO;	
		or even\$1) and (illuminat\$3 or flash\$3 or	DERWENT;	
		strobe\$1) and (different\$3 or compar\$3)	IBM TDB	+
		<pre>same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and (illuminat\$3</pre>	1212	1
		or light\$3) same (emitt\$3 or synchro\$10)		ļ
	0.5	((charg\$3 or integrat\$3 or read\$1) same	USPAT;	2004/03/19 17:06
27	85	(first or odd) same (second\$1 or even\$1)	US-PGPUB;	
		and (illuminat\$3 or flash\$3 or strobe\$1)	EPO; JPO;	
		and (different\$3 or compar\$3) same	DERWENT;	
		(output\$3) and (CCD or solid adj1	IBM TDB	
		state\$1)same (sensor\$1)) and (illuminat\$3	_	1
		or light\$3) same (emitt\$3 or synchro\$10 or		
		source\$1) and (barcode\$1) same (read\$3)		
28	3591	(CCD or solid adil state\$1) and (read\$3 or	USPAT;	2004/03/19 17:32
20		integrat\$3 or exposur\$3) near10 (first\$1	US-PGPUB;	
		or odd\$1) near30 (second\$1 or even\$1) same	EPO; JPO;	
		(photodetector\$1 or sensor\$1 or CCD\$1 or	DERWENT;	
		photodiodes\$1)	IBM_TDB	
29	17	348/296.ccls. and ((charg\$3 or integrat\$3	USPAT;	2004/03/19 17:12
		or read\$1) same (first or odd) same	US-PGPUB;	
		(second\$1 or even\$1) and (illuminat\$3 or	EPO; JPO;	
		flash\$3 or strobe\$1) and (different\$3 or	DERWENT;	
		compar\$3) same (output\$3) and (CCD or	IBM_TDB	
		solid adj1 state\$1)same (sensor\$1))	HCDAM	2004/03/19 17:11
30	4		USPAT	2004/03/19 17:11
		"6215113").PN.	USPAT;	2004/03/19 17:27
31	52	348/296.ccls. and ((CCD or solid adj1	US-PGPUB;	2004/03/13 1/12/
	ļ.	state\$1) and (read\$3 or integrat\$3 or	EPO; JPO;	
		exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same	DERWENT;	1
		(photodetector\$1 or sensor\$1 or CCD\$1 or	IBM TDB	
		photodiodes\$1))		
1 20			USPAT	2004/03/19 17:17
32	2 8	5463421.URPN.	USPAT	2004/03/19 17:18
33	13	("4455575" "4521797" "4769709"	USPAT	2004/03/19 17:19
34		"4805026" "4935794" "4959724"		
	Ì	"5027218" "5194957" "5287192"		
		"5438365" "5463421" "5488416"		
	1	"5663763").PN.		
35	3	("4426664" "4879601" "4996000").PN.	USPAT	2004/03/19 17:19
36	9	5287192.URPN.	USPAT	2004/03/19 17:20
37	9		USPAT	2004/03/19 17:21
		"4800435" "4811106" "4928137"		
ļ	1	"4928137" "5070406" "5264939"		
		"5287192").PN.		2004/02/10 17:22
38	14	4455575.URPN.	USPAT	2004/03/19 17:22 2004/03/19 17:30
39	46	348/297.ccls. and ((CCD or solid adj1	USPAT;	2004/03/19 17:30
		state\$1) and (read\$3 or integrat\$3 or	US-PGPUB;	1
		exposur\$3) near10 (first\$1 or odd\$1)	EPO; JPO;	
		near30 (second\$1 or even\$1) same	DERWENT;	
1		(photodetector\$1 or sensor\$1 or CCD\$1 or	IBM_TDB	
		photodiodes\$1))	USPAT;	2004/03/19 18:48
40	1560	((CCD or solid adj1 state\$1) and (read\$3	US-PGPUB;	2004/03/13 10:40
		or integrat\$3 or exposur\$3) near10	EPO; JPO;	
		(first\$1 or odd\$1) near30 (second\$1 or	DERWENT;	
		even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and	IBM TDB	
		or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same		
		(second\$1 or even\$1)		
		(SECOUNTY OF EAGINAL)	1	

		162	TICDATE.	2004/03/19 18:42
41	471	(((CCD or solid adj1 state\$1) and (read\$3	USPAT; US-PGPUB;	2004/03/15 15:15
	1.	or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or	EPO; JPO;	
]		even\$1) same (photodetector\$1 or sensor\$1	DERWENT;	ļ
Į	1	condi or photodiodesSI) I did	IBM_TDB	1
	Į.	(different(3) same (first) or odd(1) same		+
	1	(2004/03/19 17:36
42	60	(()(CCD or solid adil state\$1) and (Lead\$5)	USPAT; US-PGPUB;	2004/03/13 17:30
42		intograted or exposured) nedito	EPO; JPO;	†
	i i	/simpted or oddS1) near30 (Secondal Or	DERWENT;	
		even\$1) same (photodetector\$1 or sensor\$1	IBM_TDB	ļ
		or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same	-	
		(cocondel or evensi)) and 348/9.0015.) and		ľ
ļ		(light\$3 or illuminat\$3) adji((emicca))		2004/03/19 17:36
43	998	A adj1 B and 348/3\$6.ccls.	USPAT;	2004/03/19 17:30
43	330	,	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
		atato\$1) and (read\$3	USPAT;	2004/03/19 18:08
44	58	((((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10	US-PGPUB;	
		l /simate1 or oddSl) near30 (Secondsl Of	EPO; JPO;	1
1		oven\$1) same (photodetector\$1 or sensor\$1	DERWENT;	
100		l conei or photodiodesSI) / and	IBM_TDB	
		1 / different (2) came (firsts) or oddall same		
ļ		(seconds) or even\$1)) and 348/\$.ccis.) and	1	
	1	(A adj1 B and 348/3\$6.ccls.)	USPAT	2004/03/19 17:40
45	5	("3940602" "4064533" "4336557"		
ļ		"4476568" "4593303").PN. 3940602.URPN.	USPAT	2004/03/19 17:51
46	29	THE PARTY OF THE P	USPAT	2004/03/19 17:52
47	1 1	5529642 HRPN	USPAT	2004/03/19 17:54 2004/03/19 17:54
48	9	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	USPAT	2004/03/13 17:01
43		1 11472470711 1 114772958" 1 114899220" 1		
[1 "5025318" "5111263" "51304U2"/-FN.	USPAT	2004/03/19 17:54
50	4		00000	
	1	"4910599").PN.	USPAT	2004/03/19 17:55
51	6		USPAT	2004/03/19 17:55
52	12	1 / 11/17/23921 "4816917" "48/5098"	USPAT	2004/03/19 17:55
53	12	"4886986" "5067168" "5126860"		1
		"5136402" "5153929" "5166811"		1
		"5235412" "5717459" "5801850").PN.	USPAT	2004/03/19 18:01
54	13	5025318.URPN.	USPAT	2004/03/19 18:02
55	13		USPAT	2004/03/19 18:03
56	13	1 4018506 URPN	USPAT	2004/03/19 18:04 2004/03/19 18:06
57	13		USPAT	2004/03/19 10:06
58		"4918506" "4942473" "4996600"		
1		1 "5196939" "5262871" "5264939"		
		"5272535" "5293432" "5326997"		
1		"5489945").PN. 348/316.ccls. and ((CCD or solid adj1	USPAT;	2004/03/19 18:09
59	21	state\$1) and (read\$3 or integrat\$3 or	US-PGPUB;	1
	ļ	exposur\$3) near10 (first\$1 or odd\$1)	EPO; JPO;	
	ļ	langan (second\$1 or even\$1) same	DERWENT;	1
		(photodetector\$1 or sensor\$1 or CCD\$1 or	IBM_TDB	
		-batadiodes(1)	USPAT;	2004/03/19 18:32
60		o 1249/316 ccls and ((charg\$3 or integrates)	US-PGPUB;	
1		or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or	EPO; JPO;	1
ĺ	Į	(second\$1 or even\$1) and (liliminate or flash\$3 or strobe\$1) and (different\$3 or	DERWENT;	
1		compar\$3) same (output\$3) and (CCD Of	IBM_TDB	
[solid adjl state\$1)same (sensor\$1))		2004/03/19 18:15
61	1	2 1 44 96 98 0. URPN.	USPAT	2004/03/19 18:30
61		1 ("4488678" "4538060" "4628347"	USPAT	2003/03/13 10:00
02	_	"5225695" "5239192" "5286989"	- 1	
		"5303053" "5308970" "5309240"		
1		"5376906" "5452003").PN. 1 5587576.URPN.	USPAT	2004/03/19 18:31
63		1 558/5/6.0RPN.		

	200		USPAT;	2004/03/19 18:32
54	200	I I	US-PGPUB;	
	ļ	1	EPO; JPO;	
		1	DERWENT; IBM TDB	
			USPAT;	2004/03/19 18:32
5	10	75777AH CCIS. AND TICCD OF 30224 4432	US-PGPUB;	
	1		EPO; JPO;	
		near30 (second\$1 or even\$1) same	DERWENT;	
	1	(photodetector\$1 or sensor\$1 or CCD\$1 or	IBM TDB	
		photodiodes\$1))	_	
	4	257/240 ccls. and ((charq\$3 or integrat\$3	USPAT;	2004/03/19 18:33
6]	or read\$1) same (first or odd) same	US-PGPUB;	
		(coconds) or evens) and (illuminates or	EPO; JPO;	
		flash93 or strobe\$1) and (different\$3 or	DERWENT; IBM TDB	
		compar\$3) same (output\$3) and (CCD or	IBM_IDB	
		solid adj1 state\$1)same (sensor\$1))	USPAT;	2004/03/19 18:33
57	4	257/240.ccls. and ((charg\$3 or integrat\$3	US-PGPUB;	
		or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or	EPO; JPO;	
	1	(second\$1 or even\$1) and (liftmathat\$3 or flash\$3 or strobe\$1) and (different\$3 or	DERWENT;	
		compar\$3 or differential\$1) same	IBM TDB	
		(output\$3) and (CCD or solid adj1	_	
		state(1) same (sensor\$1))		
.		257/240 ccls, and (((CCD or solid ad))	USPAT;	2004/03/19 18:33
58	1	l state(1) and (readS3 or integrat() or	US-PGPUB;	
		exposur\$3) near10 (first\$1 or odd\$1)	EPO; JPO;	
	1	l poar30 (second\$1 or even\$1) same	DERWENT;	
		/photodetector\$1 or sensor\$1 or CCD\$1 or	IBM_TDB	
	1	photodiodes\$1) and (different\$3) same		
		(first\$1 or odd\$1) same (second\$1 or		
		even\$1))	USPAT	2004/03/19 18:36
69	5	("5150150" "5541693" "5576527"	OSTILL	
		"5591952" "5600699").PN.	USPAT	2004/03/19 18:36
70	0	1	USPAT	2004/03/19 18:38
71	10	"4974260" "4984285" "5294783"		
		"5315097" "5365048" "5396053"		
		"5414251") PN.		0004/00/10 10:4
72	118	(CCD or solid adil state\$1) and (read\$3	USPAT;	2004/03/19 18:43
12	1	or integrat\$3 or exposur\$3) near10	US-PGPUB;	
	ļ	(firstS1 or oddS1) near30 (secondS1 or	EPO; JPO; DERWENT;	
		even\$1) same (photodetector\$1 or sensor\$1	IBM TDB	
		or CCD\$1 or photodiodes\$1)) and	1BM_1DB	
		(different\$3) same (first\$1 or odd\$1) same	1	
		(second\$1 or even\$1)) and 235/\$.ccls.	USPAT;	2004/03/19 18:4
73	62	((((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10	US-PGPUB;	
	İ	or integrats of exposures hearts (first\$1 or odd\$1) near30 (second\$1 or	EPO; JPO;	
		even\$1) same (photodetector\$1 or sensor\$1	DERWENT;	1
		lar consi or photodiodes\$1)) and	IBM_TDB	
		(different\$3) same (first\$1 or odd\$1) same		
		(second\$1 or even\$1)) and 235/\$.ccis.) and	ļ	
		(differ\$3) same (compar\$3 or ampl11\$3)		2004/03/19 18:4
74	84	(var\$3) same (intensi\$3) same (emitt\$3)	USPAT;	2004/03/19 10:4
74		same (light\$3 or illuminat\$3) same	US-PGPUB; EPO; JPO;	
]	select\$3 same (first\$1 or second\$1)	DERWENT;	
			IBM TDB	
		1	USPAT;	2004/03/19 18:5
75	11	0 235/462.41.ccls.	US-PGPUB;	
ı			EPO; JPO;	
	\		DERWENT;	
			IBM TDB	
	_	0 235/462.41.ccls. and ((charg\$3 or	USPAT;	2004/03/19 18:
76	1	lintogrates or reades) same (first or odd)	US-PGPUB;	
		came /second\$1 or even\$1) and (illuminate)	EPO; JPO;	
]		or flashed or strokesl) and (differented)	DEKMENT'	
1		or compar\$3) same (output\$3) and (CCD Of	IBM_TDB	
	1	solid adj1 state\$1)same (sensor\$1))	1	1

77	3	235/462.41.ccls. and (((CCD or solid adj1	USPAT;	2004/03/19 18:56
''	J	state\$1) and (read\$3 or integrat\$3 or	US-PGPUB;	
		exposur\$3) near10 (first\$1 or odd\$1)	EPO; JPO;	
		near30 (second\$1 or even\$1) same	DERWENT;	
ļ		(photodetector\$1 or sensor\$1 or CCD\$1 or	IBM TDB	
		photodiodes\$1)) and (different\$3) same	-	
		(first\$1 or odd\$1) same (second\$1 or		
	:	even\$1))		Į Į
78	5	235/462.42.ccls. and (((CCD or solid adjl	USPAT;	2004/03/19 18:57
′	3	state\$1) and (read\$3 or integrat\$3 or	US-PGPUB;	
		exposur\$3) near10 (first\$1 or odd\$1)	EPO; JPO;	
		near30 (second\$1 or even\$1) same	DERWENT;	
		(photodetector\$1 or sensor\$1 or CCD\$1 or	IBM TDB	1
		photodiodes\$1)) and (different\$3) same	_	
		(first\$1 or odd\$1) same (second\$1 or		
		even\$1))		
79	10	l	USPAT;	2004/03/19 18:58
		integrat\$3 or read\$1) same (first or odd)	US-PGPUB;	
		same (second\$1 or even\$1) and (illuminat\$3	EPO; JPO;	
		or flash\$3 or strobe\$1) and (different\$3	DERWENT;	
		or compar\$3 or differential\$1) same	IBM_TDB	1
		(output\$3) and (CCD or solid adj1	_	
		state\$1)same (sensor\$1))		
80	10		USPAT;	2004/03/19 18:58
		integrat\$3 or read\$1) same (first or odd)	US-PGPUB;	
		same (second\$1 or even\$1) and (illuminat\$3	EPO; JPO;	
		or flash\$3 or strobe\$1) and (different\$3	DERWENT;	
		or compar\$3 or differential\$1) same	IBM_TDB	
		(output\$3) and (CCD or solid adj1		
		state\$1) same (sensor\$1))		